CENTURY VICKERS #6-15
Roosevelt Co., MT (N.W. Poplar)
TD: 6500'

07/28/81 RU Go Wireline. Perforated 6400-6403', 6407-6409', 6383-6385', 6393-6395', 13 holes total, 1 HPF inclusive with 4" hollow carrier loaded with DML 23 charges. RIH with Baker Model E Retrievamatic packer on tubing. Set packer at 6306'. Swabbed tubing to 6246'. No fluid entry. RU Halliburton. Pumped 1000 gallons 15% MCA with 17 balls. Pumped at 3.3 BPM, caught fluid at 930 gallons rate 0.9 BPM at 3800 psi. Broke to 3000 psi 1.4 BPM at 1030 gallons. Acid hit at 1180 gallons 3 BPM at 2500 psi. Balled out at 1820 gallons total fluid. Surged balls off perfs completed displacement of acid at 2:30 pm. ISIP 1750, 5 minutes 1550, 10 minutes 1500, 15 minutes 1410, 30 minutes 0 psi. Made 18 swab runs. Recovered 49 bbls ± fluid (5 runs to swab to packer - 30 bbls water and spent acid, 3 runs in 1 hour 7.1 bbls, 3 runs in 1 hour 5.6 bbls, 5 runs in 1 hour 3.9 bbls, 2 runs in & hour 2.5 bbls). No trace of oil. Load volume 52 bbls. 3 bbls under load. Got some gas odor during last 8 swab runs no blow of gas. SD at 8:30 pm. Daily cost - \$10,965, CCC -\$64,868.

07/29/81 25± psi on tubing. Made 2 swab runs. Initial FL at 900'.
Recovered 15 bbls acid water with no trace of oil. Total fluid 64 bbls (12 bbls over load). RU Halliburton, pressured annulus to 1000 psi. Pumped 9400 gallons gelled water acid frac with N<sub>2</sub> as follows (additives per prognosis plus 3 gal/1000 3-N non-emulsifier):

A.  $20 MCF N_2 pad$ .

B. 1000 gallons Versagel 2400 pad.

C. 2000 gallons 20% CRA.

D. 1000 gallons fresh water flush with 8 frac balls.

E. 1000 gallons Versagel.

F. 2000 gallons 20% CRA.

G. 2400 gallons flush.

Job balled out 440 gallons into stage E. Surged well back twice before restarting job. All fluids contained 500 CF/bbl N<sub>2</sub>. Pumped job at 6 BPM±. Job complete at 10:30 am. ISIP 2750,: 5 minute 2610, 15 minute 2590. Started flowing back at 11:00. Opened to pit thru Halliburton choke for  $2\frac{1}{4}$  hours. Got N<sub>2</sub> with heavy liquid mist. RU hardline to tank and continued to flow. Total daily recovery 109 bbls. Total load 224 bbls (115 bbls to recover). Well dried up at 7:15 - only dry gas. SI. Made 7 bbls from 6:15 to 7:15. SD at 7:15. Daily cost - \$15,705 (Halliburton - \$13,150), CCC - \$80,573.

CENTURY VICKERS #6-15
Roosevelt Co., MT (N.W. Poplar)
TD: 6500'

- 07/30/81 TP 50± psi, blew down. Started swabbing initial FL at 1000'. Made 29 swab runs, recovered 128 bbls as follows:
  - A. 10 swab runs to get FL to 5000'. Recovered water with good  $\rm N_2$  blows after each run.
  - B. 5 runs, swabbed from 5000' to 5500', show of oil on 11th swab run (cum recovery 65 bbls for day, 174 bbls after frac). Oil show increased 11th thru 15th run.
  - C. 14 runs from packer. Recovered additional 63 bbls. Oil content erratic 18% to 45%. Found stable FL 1200' to 1500' above packer. 3 swab runs/hour, average and stable rate 10.8 bbls/hour. Strong constant blow of hydrocarbon gas during and between each swab run.

Stopped swabbing at 6:00 pm. Drained tank to oil level. Had 16.7 BO in tank. Average cut since first appearance of oil 28%. SD at 7:30 pm. Total day recovery 128.3 bbls, cum recovery after frac 237.3 bbls (load 224 BW). Daily cost - \$2,502, CCC - \$83,075.

- 07/31/81 TP 275 psi. Bled down. Started swabbing at 8:00 am. Swabbed 6 hours, 18 runs, recovered 85.8 bbls. Cumulative recovery 323.1. Last 3 hours 10.8 BPH. FL 1200' to 1500' above packer. Erratic oil cut, estimated 30% or more. P00H at 3:00 pm. RIH with 2-3/8" tubing as follows: 4' Bullplug pup joint, 3' perf nipple, seat nipple at 6378', Guiberson anchor/catcher at 6263', 208 joints tubing, landed at 6386'. Nipple down BOP, NU tubing head. SD for day at 8:30. Drained tank, had 27 BO for 7/30 and 7/31. Recovery over load 99.1 bbls, average oil cut after load recovery 27%. Daily cost \$3,684, CCC \$86,759.
- 08/01/81 PU National  $2x1\frac{1}{4}x16x16\frac{1}{2}x17\frac{1}{2}$  RHBC pump with gas lock breaker. W0 pump parts  $1\frac{1}{2}$  hours. RIH with 184 3/4" Norris 78 rods, 68 7/8" Norris 78 rods with special clearance couplings, 8', 6', 4', 2' 7/8" pony rods,  $1\frac{1}{2}$ " x 22' polish rod. Installed stuffing box. RD and release rig at 6:00 pm. Drop from report until on production. Daily cost \$18,110, CCC \$104,869.
- 08/07/81 Pads for treater, pumping unit, and oil storage tanks completed. Installing tanks today. All other equipment has been ordered and will be spotted on location early next week.
- 08/21/81 Waiting on skid extension for pumping unit. All facilites now installed.
- 08/24/81 Waiting on skid extension for pumping unit.
- 08/27/81 Installing pump base extension. Expect to be on production 8/28/81.

CENTURY VICKERS #6-15
Roosevelt Co., MT (N.W. Poplar)
TD: 6500'

- 08/31/81 Finished installing pump base extension. Hooked up gas engine. Started up pump at 5:00± pm 8/29/81. Well pumped up and pumped for 3 hours. SD unit. Engine and weights need adjusting. Should be on production 8/31/81.
- 09/01/81 Placed well on production at 4:00 pm 8/31/81 at 12 SPM. At 12:30 pm 9/1/81 pumping all water at unmeasured rate. Well now making some gas.
- 09/02/81 Pumped 151 BW, no oil. Pump now running at 11½ SPM and 86" stroke.
- 09/03/81 Pumped 153 BW and no oil in 24 hours. Have 4# natural gas on treater.
- 09/04/81 Pumped 160 BW and no oil in 24 hours. Now has 18# gas pressure on treater.
- 09/05/81 Pumped 157 BW and 8 BO in 24 hours ending 12:30 pm 9/5/81 (treater also loaded with oil). Wellhead cut 13% oil. 18# gas pressure on treater.
- 09/06/81 Pumped 138 BW and 8 BO in 24 hours. PUmp speed slowed from 13 SPM to 11 SPM, increased to 12 SPM. 20# pressure on treater. Treater running occasionaly on natural gas.
- 09/07/81 Pumped 136 BW and 11.69 BO.
- 09/08/81 Pumped 135 BW and 13.36 BO.
- 09/09/81 Pumped 135 BW and 11.69 BO.
- 09/10/81 Pumped 135 BW and 10.02 BO at 11-3/4 SPM. Running equipment on approximately ½ propane and ½ natural gas. Treater pressure 16#.
- 09/11/81 Pumped 135 BW and 11.69 BO at 11½ SPM. Treater pressure 16#.
- 09/12/81 Pumped 135 BW and 11.69 BO.
- 09/13/81 Pumped 139 BW and 10.03 BO.
- 09/14/81 Pumped 138 BW and 6.68 BO.
- 09/15/81 Pumped 140 BW and 8.35 BO in 24 hours at 12 SPM and 83" stroke.
- 09/16/81 Shot fluid level as follows: found pumping fluid level 169 joints from surface (shot 4 times), found 30 minute SI fluid level 128 joints from surface (shot twice). Top perforation at 6383', estimate 1195' fluid above perforations. Pumped 136 BW and 10 BO.

CENTURY VICKERS #6-15
Roosevelt Co., MT (N.W. Poplar Prospect)
TD: 6500'

09/17/18 Pumped 8.35 BO and 139 BW at 12 SPM.

09/18/81 Pumped 9.48 BO and 137 BW at 12 SPM.

09/19/81 Pumped 8 80 and 140 BW. Unit slowed to 11½ SPM.

09/20/81 Pumped 8 BO and 138 BW.

09/21/81 Pumped 15 BO and 132 BW. Circulated tank - no water in tank.

09/22/81 Pumped 7 BOPD and 133 BWPD.

09/23/81 Pumped 8 BOPD and 135 BWPD.

09/24/81 Pumped 12.5 BOPD.

09/25/81 Pumped 8.5 BOPD and 129 BWPD.

09/26/81 Pumped 6.68 BO and 127 BW.

09/27/81 Pumped 7 BO and 124 BW.

09/28/81 Pumped 8 BO and 125 BW.

09/29/81 Pumped 7.1 BO and 122 BW.

09/30/91 Shot fluid level as follows: found pumping fluid level 206 joints from surface, found SI fluid level 204 joints from surface; top perforation at 6383', estimate 195' fluid above top perforation. Pumped 7 BO and 120 BW.

10/01/81 Pumped 5 BO and 118 BW.

10/02/81 Pumped 8 BO and 117 BW.

10/03/81 Pumped 8 BO and 117 BW. 12 SPM slowed to 11 SPM.

10/04/81 Pumped 8 80 and 116 BW.

10/05/81 Pumped 7 BO and 116 BW. Shipping oil this week.

10/06/81 Pumped 6 BO and 114 BW. FINAL REPORT.

DATE .	CUSTOMER	HDER NO.L 1 ' :	WELL NO. AND PARM			DUNTY		STATE	
7-8			Vickers 6-15	D.FROM	2005	cuelt	14.7		
Cen	ntury 0il		Bird #5	dive	-		206130	<u>)                                    </u>	
CHARGE TO	entury Oil	&:1G&8	· **	tion				-	
MAILING A	DORESS			D.C.	Haas				
CITY & STA	ATR	·		RECEIVED	) OY	A			`
TRUCK NÚMBER	PRICE REFERENCE	SECONDARY REFERENCE	BRAND AND TYPE		-units	2 UHITS	UNIT ##1CE	AMOUNT	Ť.
	504-043		Regular class "G" cement		200		7.21	8بارات ب	00
	509-968		Salt mixed 7.5# p-sk w-20	0 eks	1500	1bs	.09	135	00
	507-145		CFR-2 mixed .0075 w-200 s	kas	141	1bs	3.60	507	60
									1
		50 e	u. ft. Pozmik Cement consis	ting of:	<del> </del>				-
	504-043		Regular class "G" cement		25		7.24	181	oc
	506-105		Pozmix "A"	3/2	. 25		3.80	95	00
	506-121		1 Balliburton gel mixed	4-30 ek			110	;	
			" Willia						
	504-118		Halliburton Lite Cement		370		6.40	2368	00
	509-968		Salt maked 30% p-sk w-370	ekc	12580	1bs	•09	1132	20
	507-665		Halph mixed .006 w-370 a	sks	193	lbs	5.20	1003	60
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			SERVICE CHARGE ON MATERIALS RETURNED	· · · · · · · · · · · · · · · · · · ·			u.		
	100-000		SULVICE CHARGE				iu.	500	
	·		MILCAUL TOTAL CHRIGGE SRIGHT	1 DADED	• • • · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	он		
NC R	996273	3	*SACIS UNLIGE OFFICIALIST	DICATED			TOTAL		!

CENTURY VICKERS #6-15 (Conversion to Water disposal)
Roosevelt Co., MT (N.W. Poplar Prospect)
TD: 6500'
COG Int:

- 2/10/83 Present operations: preparing to pull tbg. to set CIBP and perforate. MIRU Signal Rig #18, RU tbg. tools for 2-3/8" tbg. SDFN @ 5:30 pm. CWC \$905.
- O2/11/83 (Completion day 2) Present operations: perforate Dakota.
  PBTD 4175'. POOH w/62 strands of 2-3/8" EUE tbg. Pulled
  remaining tbg. laying\_down.\_\_RU Welex, set CIBP @ 4190'.
  Dumped 2 sx cmt. Est. PBTD 4175). Run CBL/GR/CCL for correlation
  purposes from 4110'-3810'. Made 5 runs w/4" OD csg. gun perf.
  3960'-4060' 1 JSPF (total 101 holes). FL @ 1500' on way in with
  first gun, FL @ 1100' in 1/2 hr. after perforating bottom 21',
  FL @ 875' in 1/2 hr. after third gun, FL @ 795' in 1/2 hr.
  after fourth gun, FL @ 750' in 2 hrs. SDFN @ 8:30 pm. DCC
  \$7,700, CCC \$8,605.
  - 02/12/83 (Completion day 3). Present operation: Complete downhole for injection.

    Details: RIH w/ 2-3/8" tubing and production packer and set. RU

    Western to pump test Dakota for injectivity determination. Did not acidize Dakota at this time. Pump-water as follows:

Rate	Pressure
1.0 BPM	1100- 600 psig
1.8 BPM	1000 psig
3.2 BPM	1500 psig
1.0 BPM	800 psig
5.0 BPM	1950 psig
ISIP = 750 psig, Static	FL @ 700'. Shut well in for future water
disposal operations. F	

CEMPLURY OIL & GAS CORPORATION Production Note

## VICKERS #1 SWDW

- 08/15/83 Shut disposal operations down to stimulate Dakota with acid-surfactant job. Injection pressures running 875-900 psig last week (8-8 to 8-12). Details to follow on tomorrow's report.
- 08/16/83 Well returned to disposal status following acid job. Details: Pump 2000 gallons 15% FE-acid containing 2 gals/1000 gals Morflo and 1 gal/ 1000 gals HAI-75. Overflush w/ 400 bbls produced salt water. Max inj. = 3.8 BPM, max pressure = 1150 psig. ISIP = 1170 psi, 5 min SIP = 125 psi. 1- mins SIP = 80 psi, 15 mins SIP = 20 psi. Injection pressure averaging 875 psig during hte wekk preceding the acid job. Injection pressure following acid job averaging 400 psig during 4 hours of pumping. Will monitor for one week for stabilization. FINAL REPORT. CC \$3,357.



To Betty Babcock Da	te <u>June 9, 1983</u>
FromJack McWilliams	
Subject_LIST OF EQUIPMENT ON VICKERS #1 SWDW	
1 - Waukesha VRG220 gas engine	\$ 5,500
2 - 400 bbl fiberglass tanks with connections	12,000
1 - Wheatley Model 323 pump with accessories	12,500
1 - Winterized building	3,500
Miscellaneous	1,500

JBM/kw

Exhibit XIV

## PLANS FOR WELL FAILURES Vickers #6-15 SWDW

Contingency plans:

An emergency standby earthen pit in the event of interrupted disposal service to the Vickers #6-15 SWDW facility is north of the 3-400 barrel fiberglass water tanks on the disposal location. Should this pit be required to hold excessive volumes, water would be hauled to our Clark #1 SWDW located NESE Section 20-T29N-R50E, Roosevelt County, Montana

UNITED STATES ENVIRONMENTAL PROTECT

0 1	-DA				0111121		WASHINGTON		•					
VE	PA			PLU	GGI	NG /	AND ABA							
NAME AND ADDRESS OF FACILITY Vickers #6-15 SWDW SWSE Section 6-T29N-R50E Roosevelt County, Montana				Cent 7887				nd Address of owner/operation Try Oil & Gas Corporation East Belleview, Suite 800 Ewood, Colorado 80111						
				STATE COUNTY							NUMBER	:		
LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES				MT Roosevelt SURFACE LOCATION DESCRIPTION						NA				
- N					14 OF	-	E 4 OF	1/4 SECT	ion 6	TOWNSHIP	29N RAN	GE 50E		
		LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION  Surface 660 ft. from (N/S) Line of quarter section  and 2130 from (E/W) Line of quarter section						ON AND DRILLI	NG UNIT					
				TYPE OF AUTHORIZATI										
w	⊠ Individual Permit ☐ Area Permit ☐ Rul.  Number of Wells _1			□ CLASS I □XCLASS II □X Brine Disposal □ Enhanced Recovery □ Hydrocarbon Storage □ CLASS III										
					Lease Name Vickers			Well Number 6-15						
5								METHOD OF EMPLACEMENT OF CEMENT PLUGS						
CASING AND TUBING RECORD AFT					ER PLOGGING			The Balance Method						
SIZE	WT(LB/FT) TO	O BE PUT IN WELL (FT	топ	BE LEFT IN V	VELL (FT	n +	HOLE SIZE	The Dump Bailer Method						
8 5/8							12 1/4							
5 1/2	15.5 & 17	6508	08 65			508		Other						
_	CEMENTING TO PLUG	AND ABANDON DA	ATA:		PLU	JG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of He	ole or Pipe in which Plug				-	5 1/2								
	Bottom of Tubing or Drill					060	1200							
Sacks of Cement To Be Used (each plug)						100	155							
Slurry Vo	lume To Be Pumped (cu.	ft.)				106	164				-			
Calculated Top of Plug (ft.)					_	286	Surface				-	-		
Measured Top of Plug (if tagged ft.)						NA_	NA				-	-		
	. (Lb./Gal.)					. 4	16.4 Class H					-		
Type Cen	ent or Other Material (C	L OPEN HOLE AN	0/08	DEDECTA	-	SS H	IN I M N N I I	ALS WHERE C	ASING WILL BE	VARIED /// a	nul			
	From	L OPEN HOLE AN	D/ OR	To	IED IN	TERVAL	S AND INTERV	From	ASING WILL BE	VARIEDINA	To			
3960 40							Prom							
\$10,	Cost to Plug Wells													
					С	ERTI	FICATION							
	I certify under	the penalty of	f lav	v that []	nave	perso	nally exam	ined and a	m familiar	with the	information	7		

submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL THLE (Please type or print)

7/27/84 60